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TITLE: Surface discharge lamp

Detailed Description Text (26):

Shown in FIG. 7 is a slot-form chamber 92 formed between two rectangular dielectric plates 94 and 96. The lamp is cooled by flowing coolant 98 along a channel 100 disposed between the two plates. The flow path is through the lamp, out channels in the floating conductor 86, or by means of a flow in and out with a divider in the middle of the coolant channel. The geometries discussed below may have a like arrangement, which is assumed to be included in this invention. The inner surfaces of the dielectric plates are lined with, e.g., teflon 102 to reflect incoming light back toward the outside of the lamp. Other elements shown are identical to those shown in FIG. 6.